TITLE: CONTROLLED MODULATION DISTORTION

INVENTOR(S): BENGT LINDOFF

APPLICATION SERIAL NO: 040071-496 SHEET 1 of 11

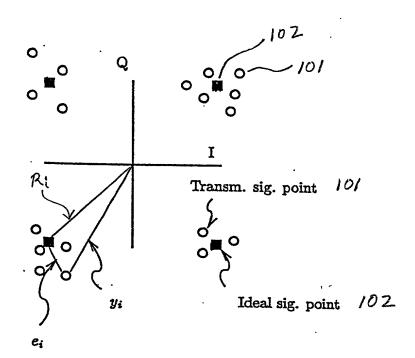
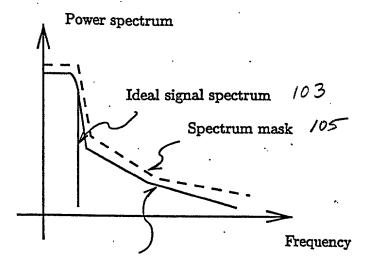


FIGURE 1A



Sig. Spect. for transm. signal 104

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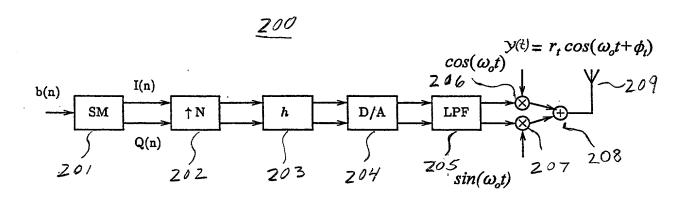


FIGURE 2 PRIOR ART

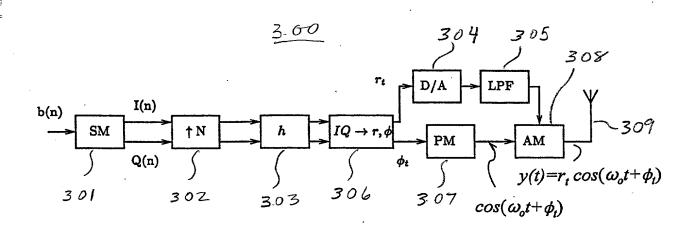


FIGURE 3 PRIOR ART

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400 405 402 403 406 I'(n)I(n)b(n) SM Q(n)DIST Q'(n)CU 401 d(n) = I'(n) + jQ'(n)a(n)c(n)404 To polar modulator

FIGURE 4A

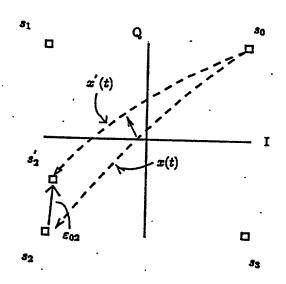


FIGURE 4B

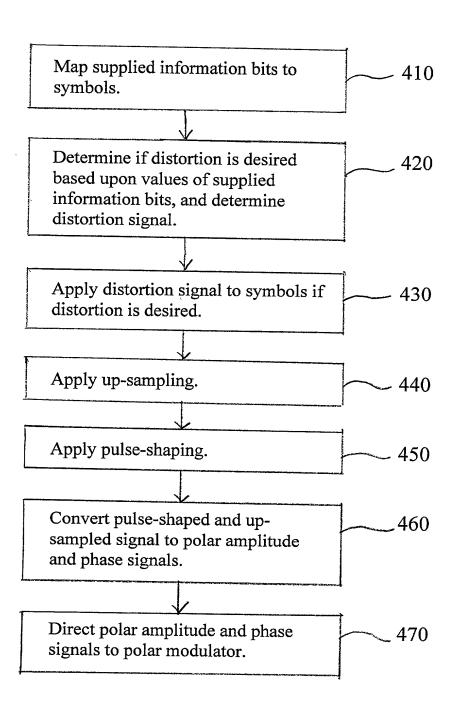
TITLE: CONTROLLED MODULATION DISTORTION

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FIGURE 4C

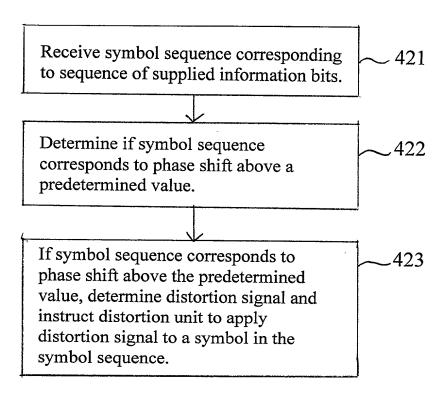


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FIGURE 4D



TITLE: CONTROLLED MODULATION DISTORTION INVENTOR(S): BENGT LINDOFF APPLICATION SERIAL NO: 040071-496 SHOWS APPLICATION SERIAL NO: 040071-496 SHEET 6 of 11

I(t)I'(t)I(n)b(n) SM † N CU $IQ \rightarrow r, \phi$ Q(n)Q(t)502 501 504

FIGURE 5A

To polar modulator

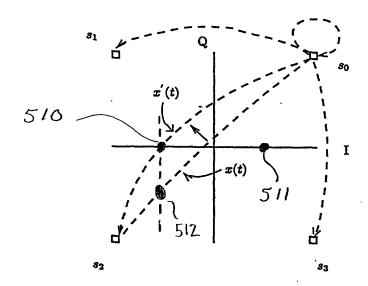


FIGURE 5B

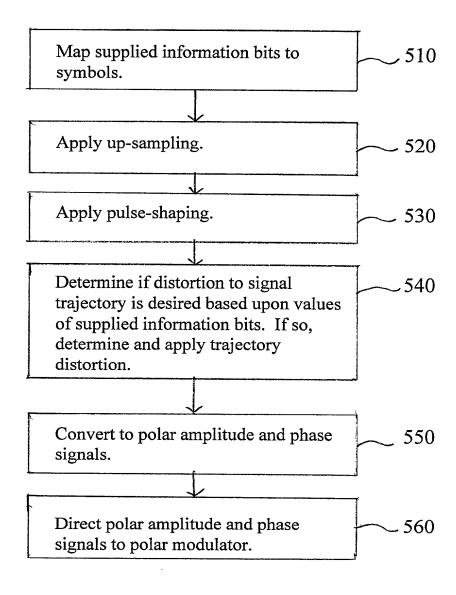
TITLE: CONTROLLED MODULATION DISTORTION

INVENTOR(S): BENGT LINDOFF

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FIGURE 5C

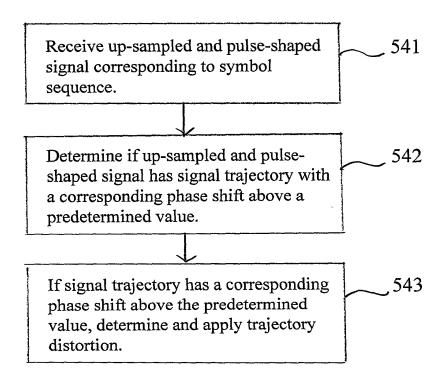


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FIGURE 5D



INVENTOR(S): BENGT LINDOFF APPLICATION SERIAL NO: 040071-496 SHEET 9 of 11

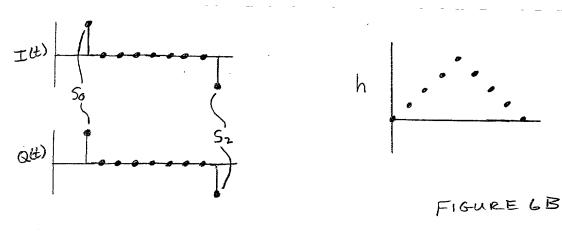
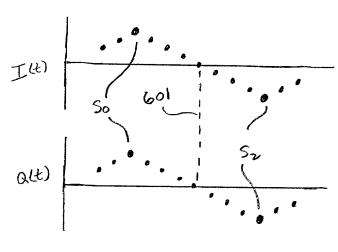


FIGURE 6A

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FIGURE

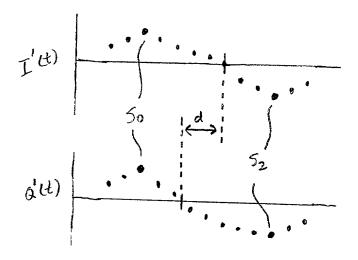


FIGURE 6D

APPLN. FILING DATE: APRIL 10, 2001 TITLE: CONTROLLED MODULATION DISTORTION INVENTOR(S): BENGT LINDOFF

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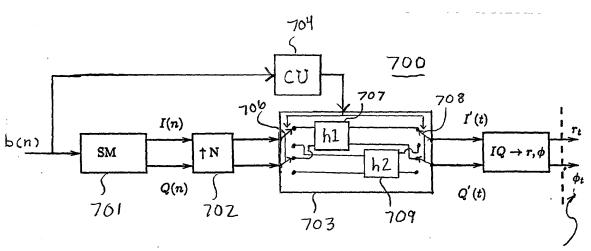


FIGURE 7

To polar modulator

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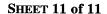
the grant greek sense grant greek gr

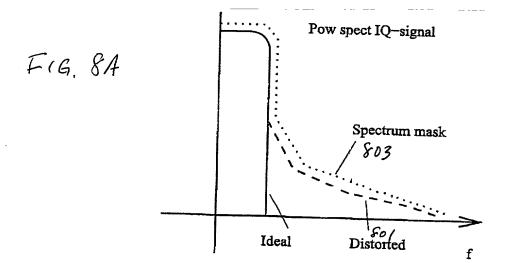
APPLN. FILING DATE: APRIL 10, 2001

TITLE: CONTROLLED MODULATION DISTORTION

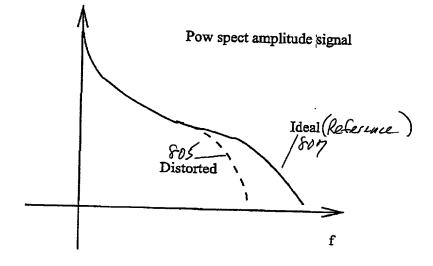
INVENTOR(S): BENGT LINDOFF

APPLICATION SERIAL NO: 040071-496









F16. fc

